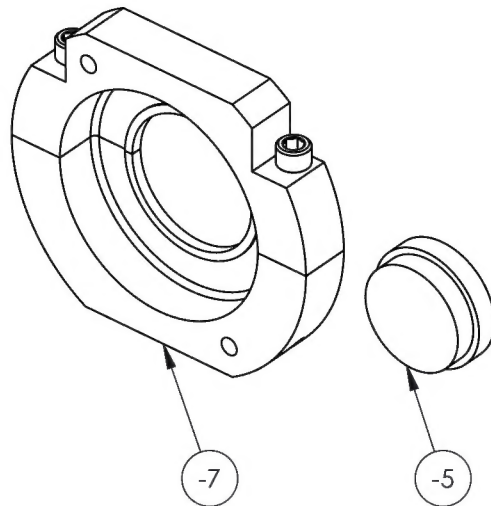


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		MATERIAL FOR -7 CH'D TO H-13 AFTER CRACKING PROBLEM.	1/20/2003		
2			2/22/2016		
3		SEPARATED -7 PULLER & -5 SHAFT PLUG INTO 269T9336-101 LOWER PULLEY KIT. THE REMAINING ITEMS 269T9336-105 JACK SCREW SET.	10/24/2006		
4A		ADDED NOTE TO STAMP HALVES BEFORE HEAT TREAT.	12/30/2009	RJC	RW
4C		CORRECTED -7A SECTION VIEW.	4/9/2012	RJC	GE
5	16-0042	-5A DELETED DIMS .38, .62. ADDED DIMS .75, $\sqrt{.47}$. CH'D DIM WAS .094 IS .09, WAS 1.885 \pm .005 IS \varnothing 1.885. -5 ADDED ASSY. DWG. -7A & -7B CH'D DIM WAS \varnothing 3.7 IS \varnothing 3.70, ADDED MISSING DIM 2.250. -7 ADDED ASSY. DRAWING.	2/22/2016	RJC	JAG



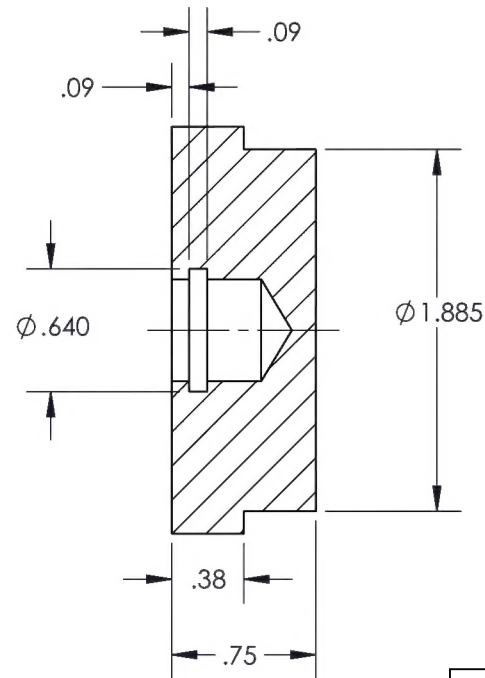
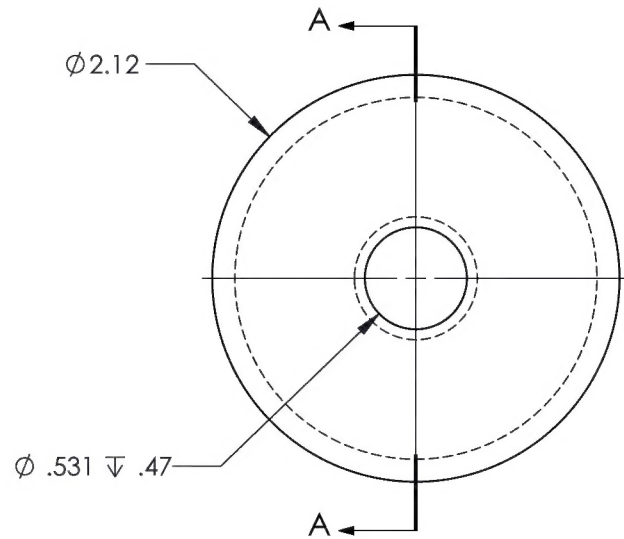
NOTE:
FOR USE WITH 269T9336-105 PULLEY BEARING
SCREW SET ONLY.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	1		-5A		SHAFT PLUG	1018/1020 CR		2
	X		-5	1	SHAFT PLUG ASSY.			3
1			-7A		PULLER BODY TOP	H-13		4
1			-7B		PULLER BODY BOTTOM	H-13		5
X			-7	1	PULLER BODY ASSY			6
	1	B/O	-9		BALL BEARING	S2 TOOL STEEL	\varnothing 1/2 (MCMASTER-CARR #1995T15)	3
	1	B/O	-11		O-RING	BUNA-N	2mm C/S X 12mm I.D. (MCMASTER-CARR #9262K176)	3
		B/O	-13		SOCKET HEAD CAP SCREW	STEEL	3/8-24 X 2-1/2 (MCMASTER-CARR #91251A434)	8
ASSY -7	ASSY -5							

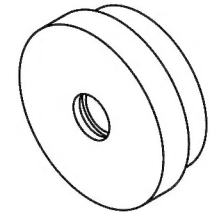
DART AEROSPACE	
TITLE LOWER PULLEY PULLER KIT	
DWG NO. 269T9336-101	REV 5
MAT'L HEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 FRACTIONS \pm 1/8 .XX \pm .01 ANGLES \pm .5° .X \pm .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: PERRITT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	SCHWEIZER 269
APPROVED: GILBERT	
SCALE 1:3	DATE SHEET 1 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	16-0042	-5A DELETED DIMS .38, .62, ADDED DIMS .75, ∇ .47, CH'D DIM WAS .094 IS .09, WAS 1.885 \pm .005 IS ϕ 1.885.	2/22/2016	RJC	JAG



SECTION A-A



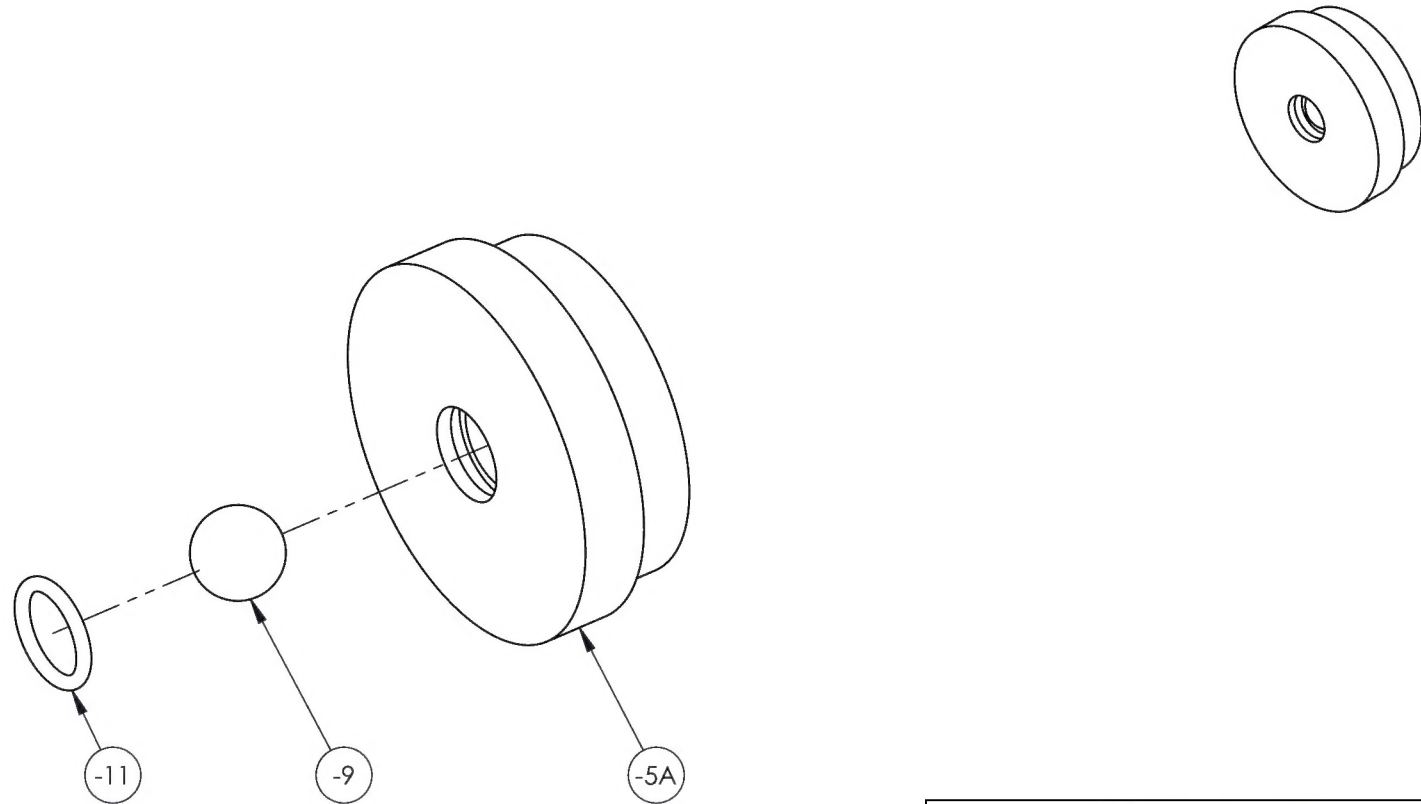
(-5A)

SHAFT PLUG

DART AEROSPACE	
TITLE LOWER PULLEY PULLER KIT	
DWG NO. 269T9336-101-5A	REV 5
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC	.XX \pm .01 ANGLES \pm 5°
	.X \pm .1 SURFACES = 125° ✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 10/24/2006
	SHEET 2 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	16-0042	-5 ADDED ASSY. DWG.	2/22/2016	RJC	JAG

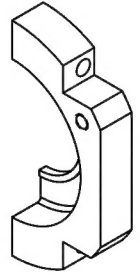
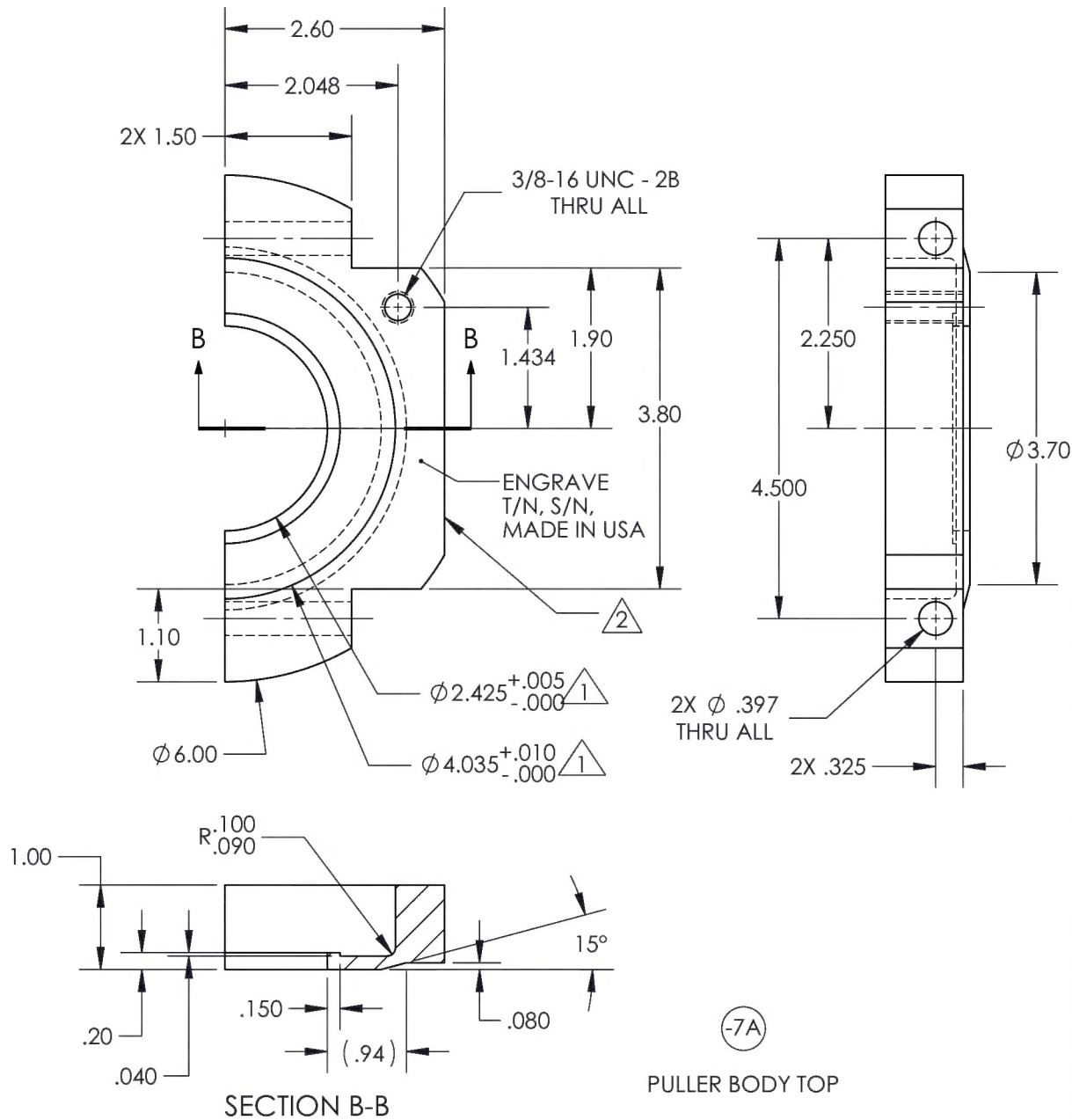


(-5)
SHAFT PLUG ASSY.

DART AEROSPACE	
TITLE LOWER PULLEY PULLER KIT	
DWG NO. 269T9336-101-5	REV 5
MAT'L REPT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	SCHWEIZER 269
SCALE 1:1	DATE 2/22/2016 SHEET 3 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		MATERIAL FOR -7 CH'D TO H-13 AFTER CRACKING PROBLEM.	1/20/2003		
4A		ADDED NOTE TO STAMP HALVES BEFORE HEAT TREAT.	12/30/2009	RJC	RW
4C		CORRECTED -7A SECTION VIEW.	4/9/2012	RJC	GE
5	16-0042	-7A CH'D DIM WAS Ø3.7 IS Ø3.70. ADDED MISSING DIM 2.250.	2/22/2016	RJC	JAG



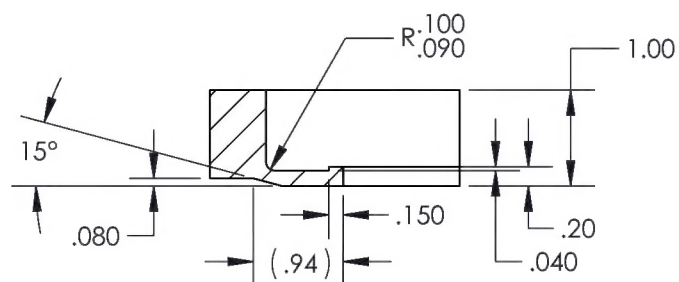
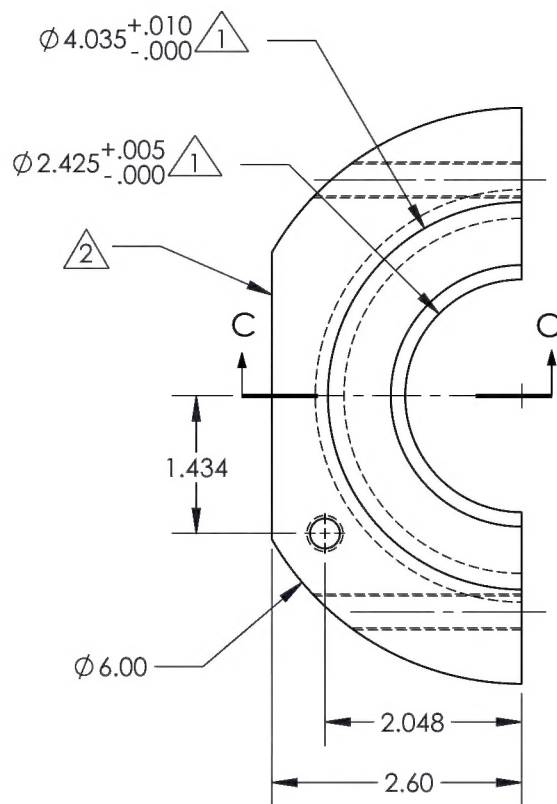
NOTE:

1. ROUGH MACHINE, HEAT TREAT, FACE AND MACHINE AFTER HEAT TREAT.
2. STAMP BOTH 7A & -7B HALVES BEFORE HEAT TREATING TO KEEP IN PAIRS.

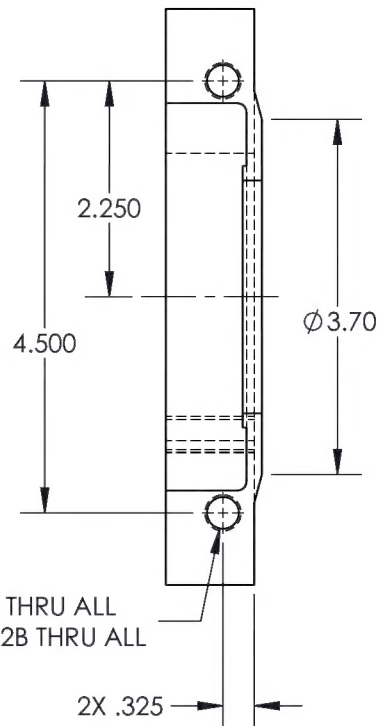
DART AEROSPACE	
TITLE LOWER PULLEY BODY	
DWG NO. 269T9336-101-7A	REV 5
MAT'L H-13 HEAT TREAT RC 35-40 FINISH BLACK OXIDE SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	SCHWEIZER 269
SCALE 1:2	DATE 10/24/2006
SHEET 4 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		MATERIAL FOR -7 CH'D TO H-13 AFTER CRACKING PROBLEM.	1/20/2003		
4A		ADDED NOTE TO STAMP HALVES BEFORE HEAT TREAT.	12/30/2009	RJC	RW
5	16-0042	-7B CH'D DIM WAS Ø3.7 IS Ø3.70, ADDED MISSING DIM 2.250.	2/22/2016	RJC	JAG



SECTION C-C



PULLER BODY BOTTOM



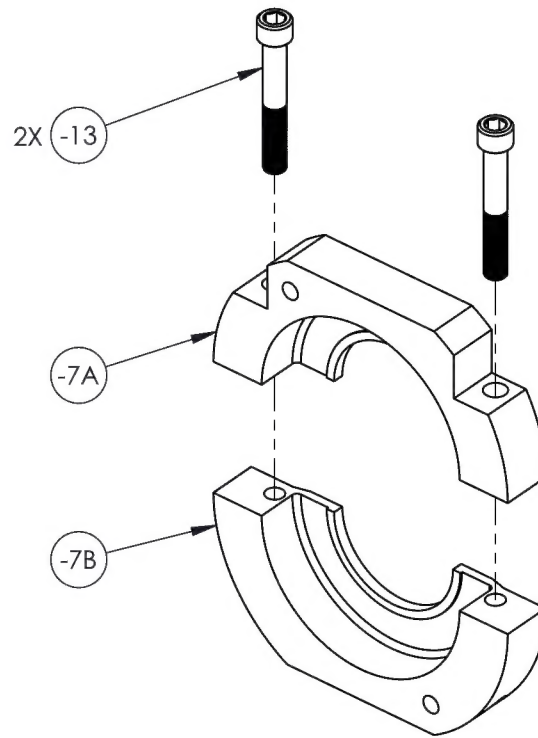
NOTE:

- ① ROUGH MACHINE, HEAT TREAT, FACE AND MACHINE AFTER HEAT TREAT.
- ② STAMP BOTH 7A & -7B HALVES BEFORE HEAT TREATING TO KEEP IN PAIRS.

DART AEROSPACE	
TITLE LOWER PULLEY BODY	
DWG NO. 269T9336-101-7B	REV 5
MAT'L H-13	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 35-40	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:2	DATE 10/24/2006
	SHEET 5 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	16-0042	-7 ADDED ASSY. DRAWING.	2/22/2016	RJC	JAG



(-7)

PULLER BODY ASSY.

DART AEROSPACE	
TITLE LOWER PULLEY PULLER KIT	
DWG NO. 269T9336-101-7	REV 5
MAT'L REAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	SCHWEIZER 269
SCALE 1:3	DATE 2/22/2016 SHEET 6 OF 7

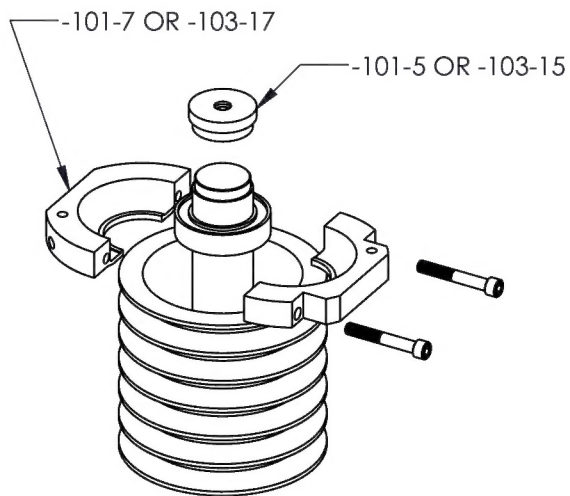
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STEP 1:

FROM KIT -101 OR -103
SLIDE THE PULLER BODY
HALVES UNDER THE
BEARING AND FASTEN
TOGETHER WITH CAP
SCREWS AS SHOWN.
PLACE -101-5 OR -103-
15 SHAFT PLUG ON THE
END OF SHAFT.

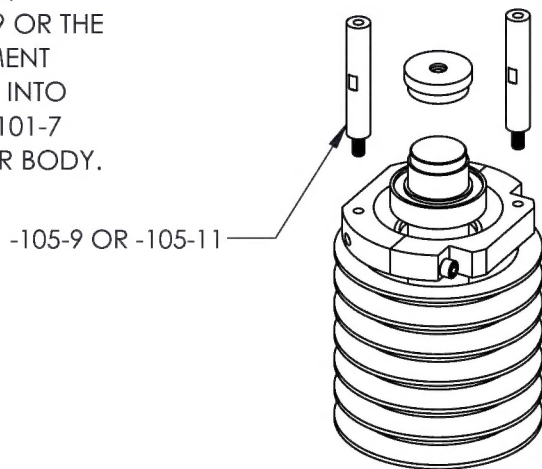
NOTE:

ENSURE THE -101-5 OR -
103-15 SHAFT PLUG HAS
A BALL BEARING
INSTALLED IN IT. IF IT
DOES NOT, REPLACE IT
BEFORE USING TOOL.



STEP 2

FROM THE -105 KIT,
SCREW THE -105-9 OR THE
-105-11 ATTACHMENT
RODS AS SHOWN INTO
THE ASSEMBLED -101-7
OR -103-17 PULLER BODY.



STEP 3

ATTACH -105-1 BAR SECURELY
TO RODS USING CAP SCREWS
AS SHOWN.

LUBRICATE THREADS OF -105-3
PULLER BOLT AND SCREW
THROUGH -105-1 BAR AND
INTO -101-5 OR -103-15 SHAFT
PLUG.

USING A 1-1/8 WRENCH
TIGHTEN -105-3 BOLT UNTIL
BEARING IS REMOVED FROM
SHAFT.

NOTE:

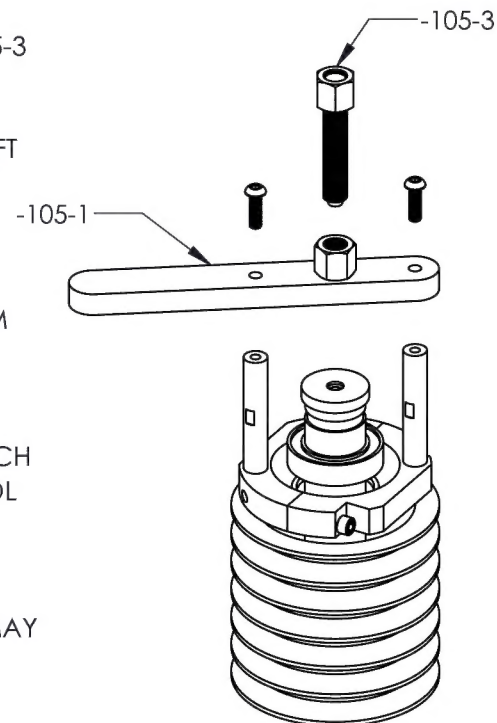
DO NOT USE IMPACT WRENCH
OR ANY OTHER POWER TOOL
TO PULL BEARING.

NOTE:

LONG END OF -105-1 BAR MAY
BE HELD IN A VICE AS
NECESSARY.

NOTICE:

-101, -103, -105 KITS SOLD SEPARATELY.



DART
AEROSPACE

190 S. Danebo Ave., Eugene, OR. 97402
1-800-556-4166
e-mail: sales@dartaero.com
dartaerospace.com

TITLE LOWER PULLEY PULLER KIT			
DWG. NO. 269T9336-101	REV 5	CUSTOMER 1 OF 1	
SCALE 1:6	DATE 12/23/2010	SHEET 7 OF 7	